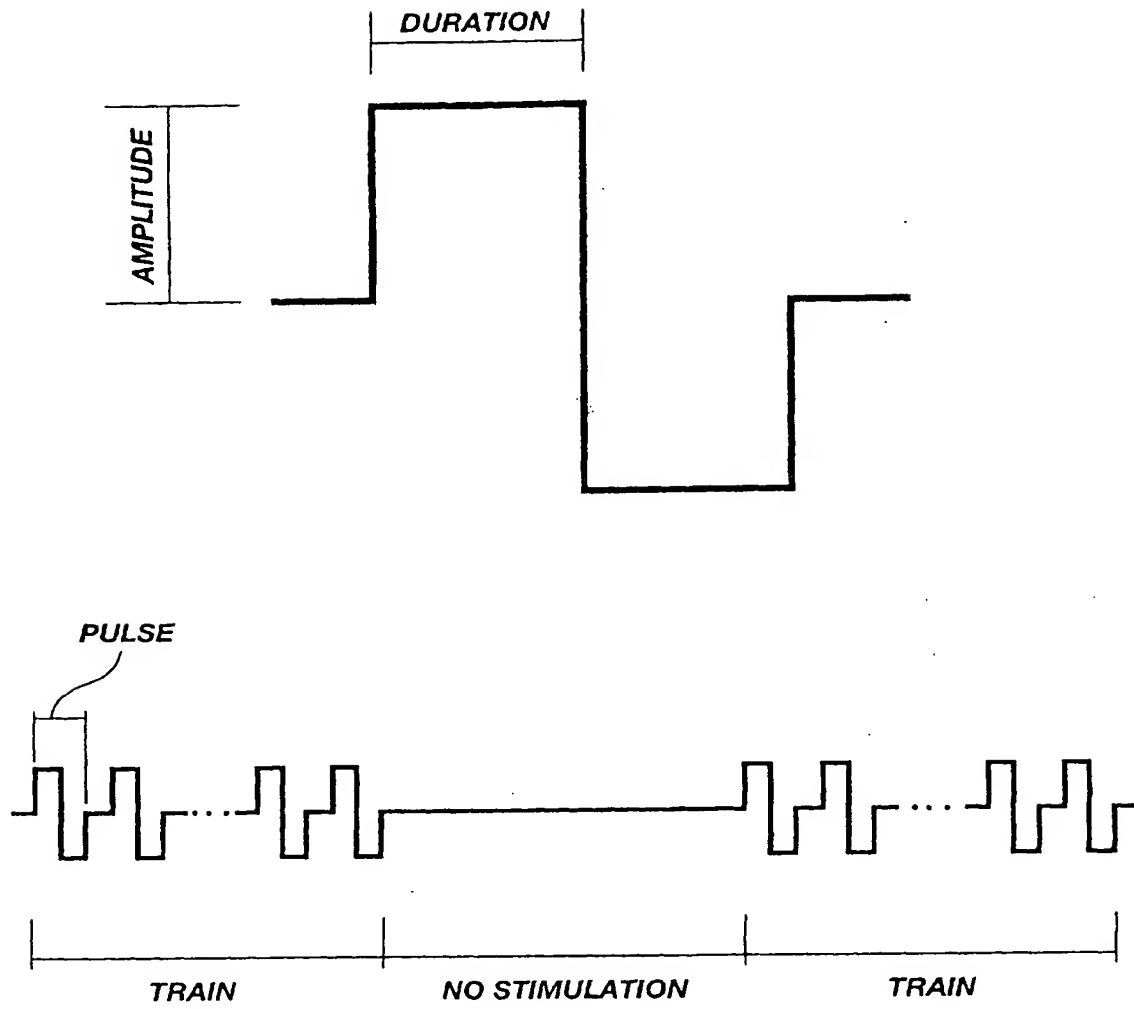


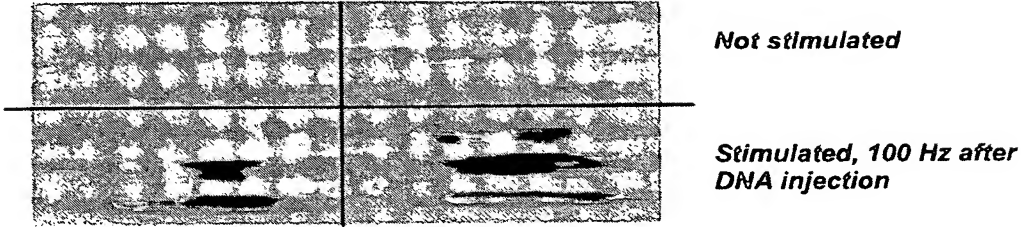
Fig. 1



**Fig. 2**

*EDL, fast SOL, slow*

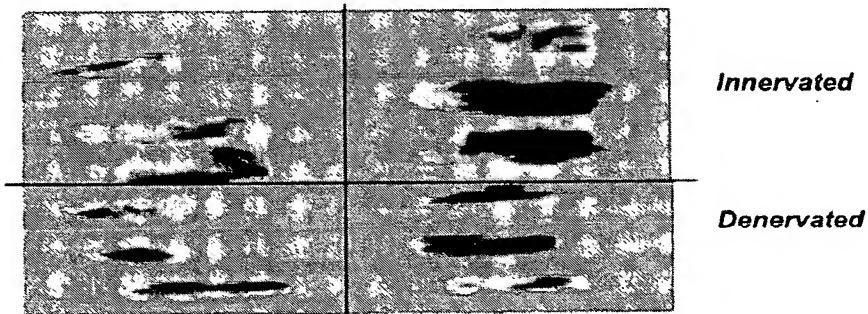
**a** *All muscles are denervated*



*Not stimulated*

*Stimulated, 100 Hz after  
DNA injection*

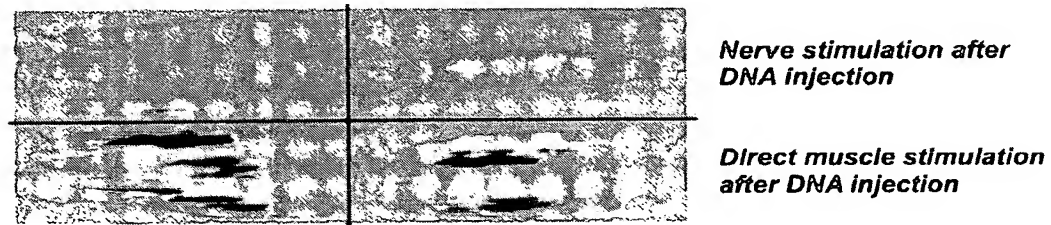
**b** *All muscles are stimulated directly with 100 Hz  
after DNA injection*



*Innervated*

*Denervated*

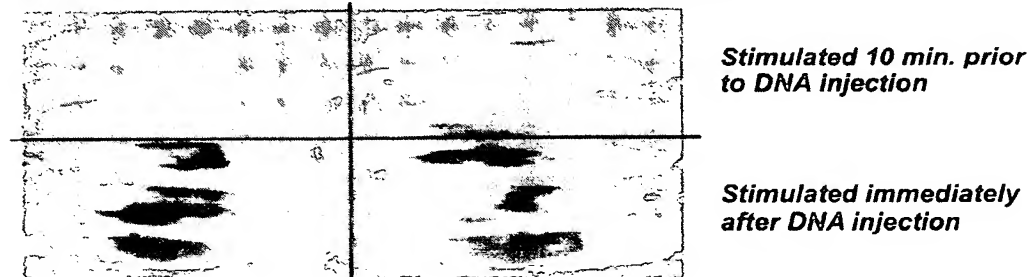
**c** *All muscles have been active*



*Nerve stimulation after  
DNA injection*

*Direct muscle stimulation  
after DNA injection*

**d** *All muscles have been stimulated directly with 100 Hz*



*Stimulated 10 min. prior  
to DNA injection*

*Stimulated immediately  
after DNA injection*

**Fig. 3**

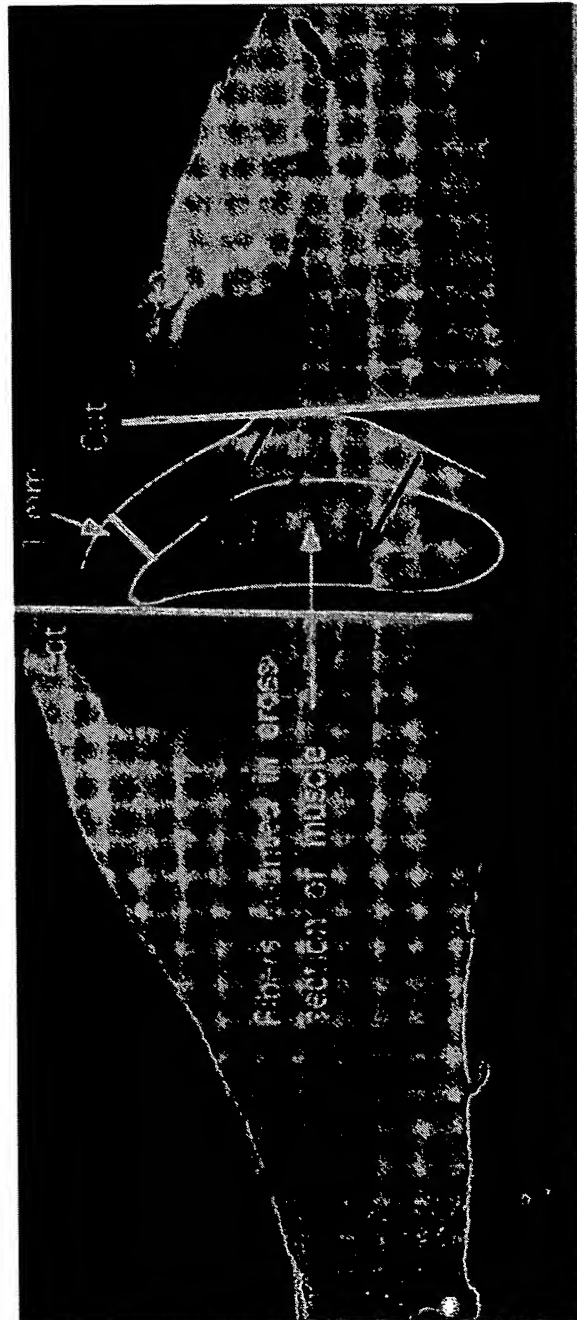


Fig. 4

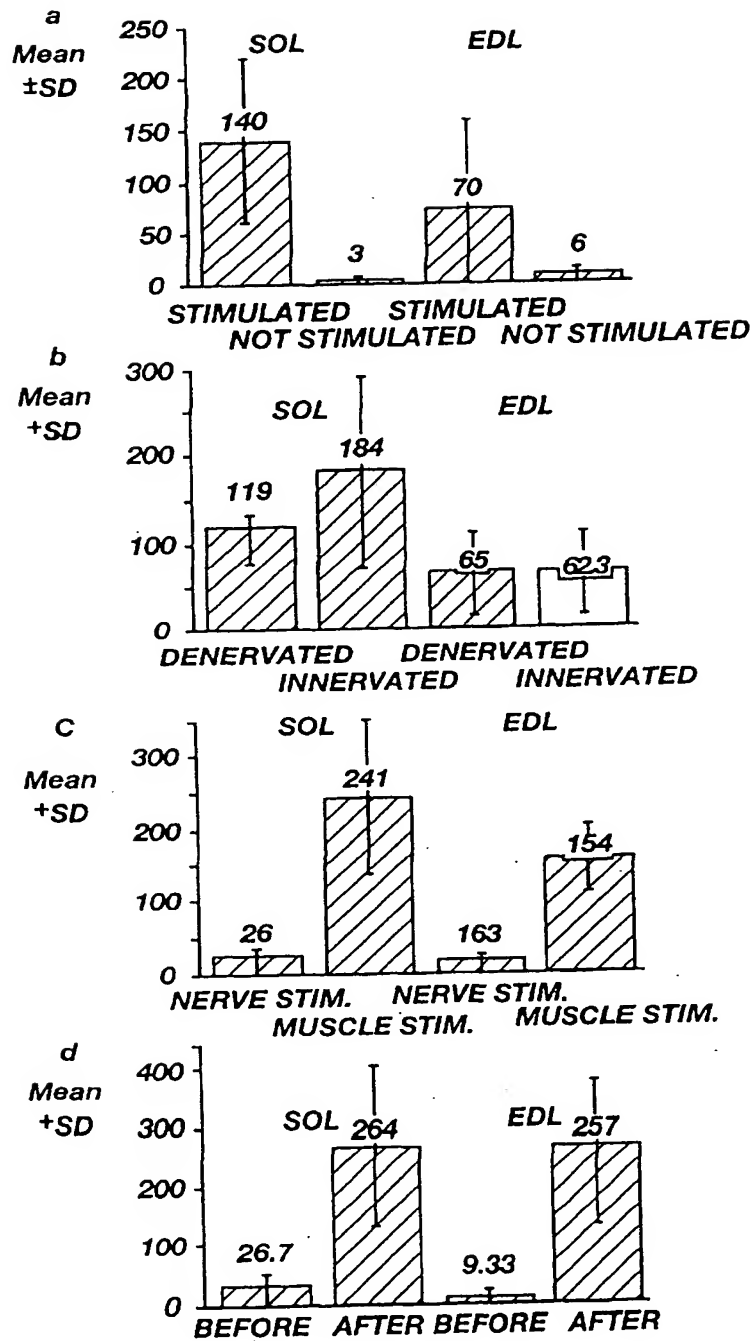


Fig. 5

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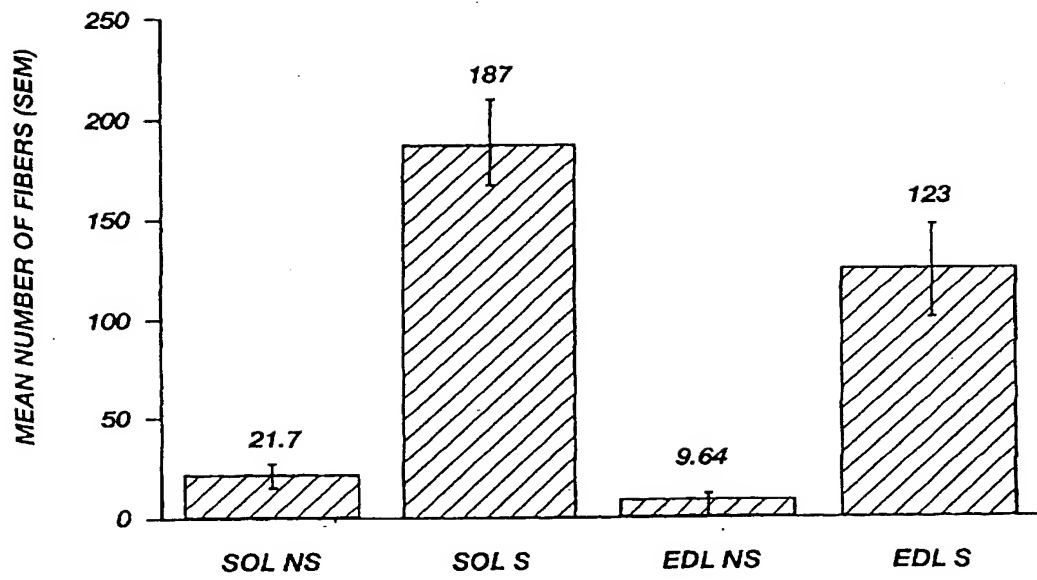
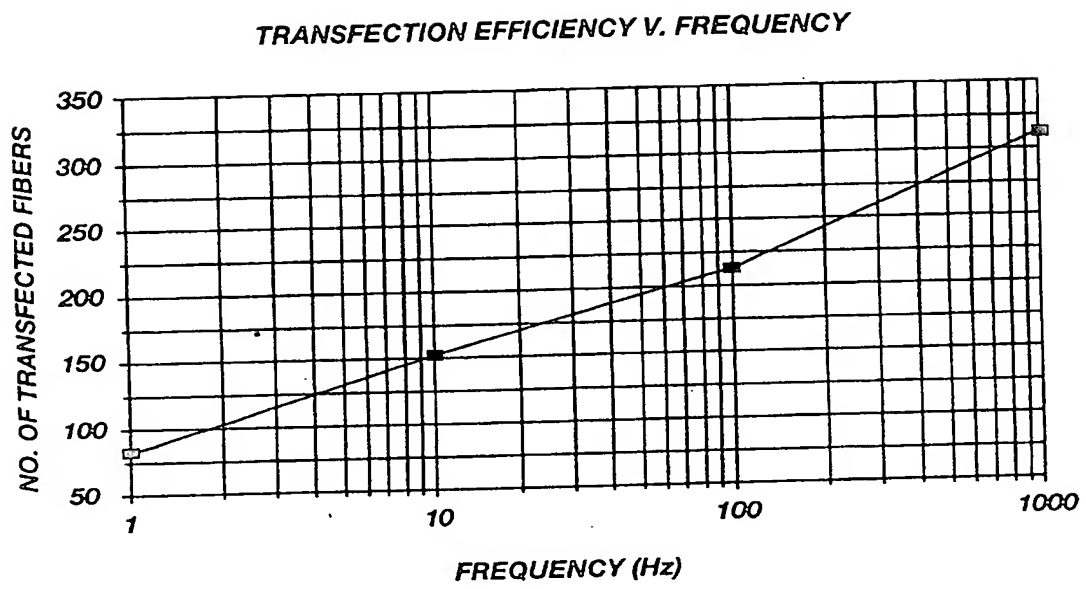


Fig. 6

**Fig. 7**

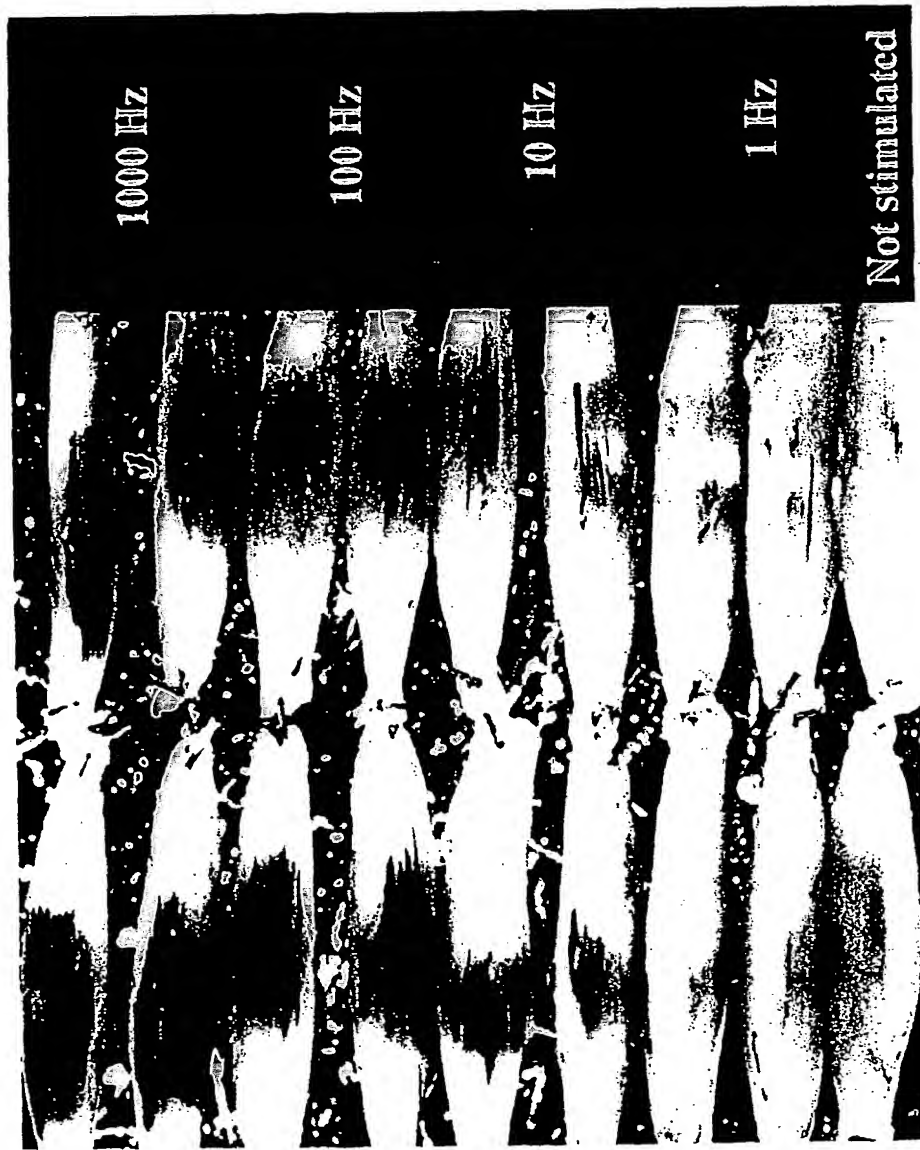
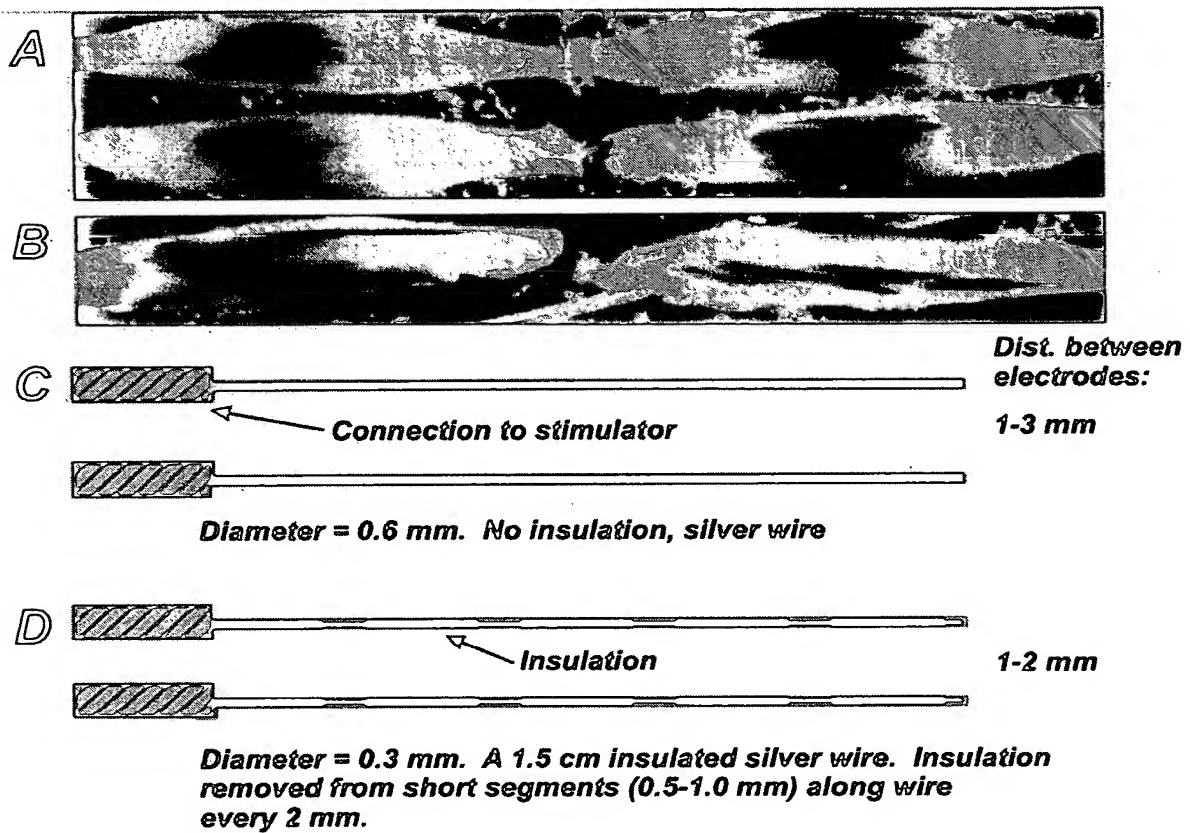


Fig. 8



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*Fig. 9*

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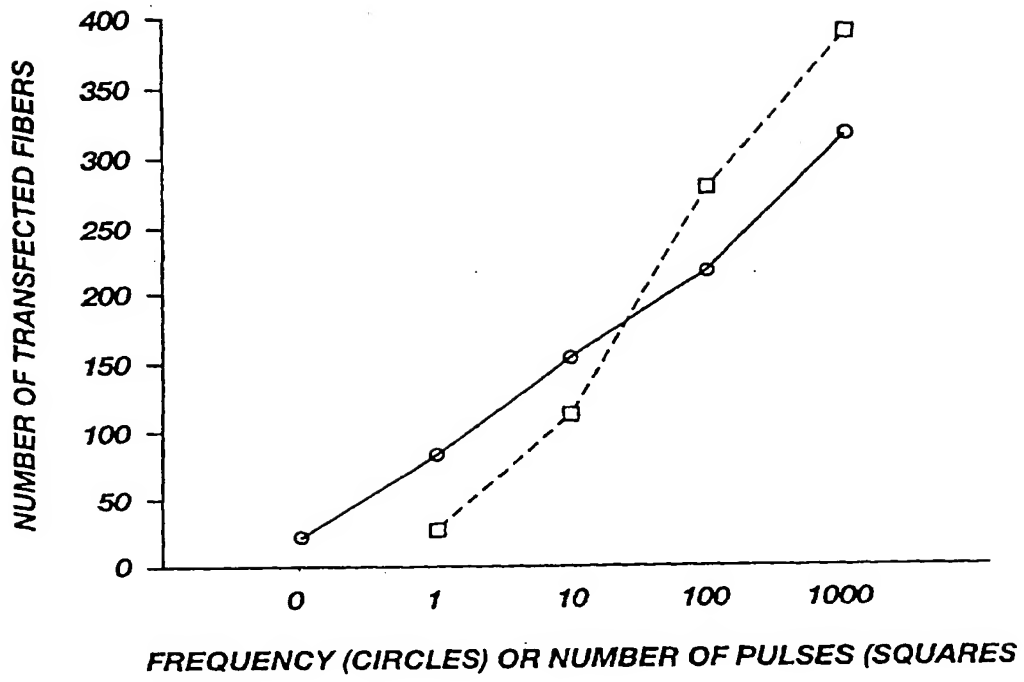


Fig. 10

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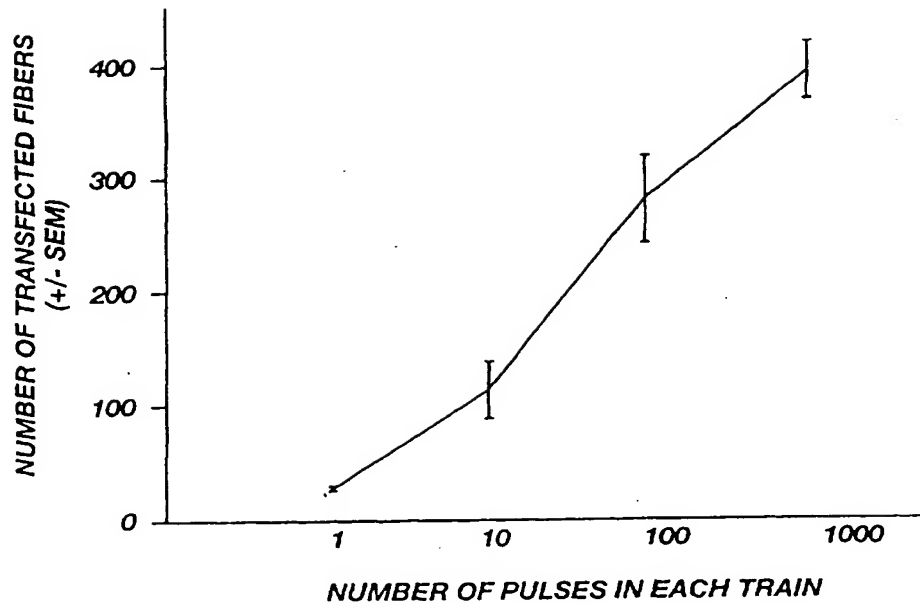


Fig. 11

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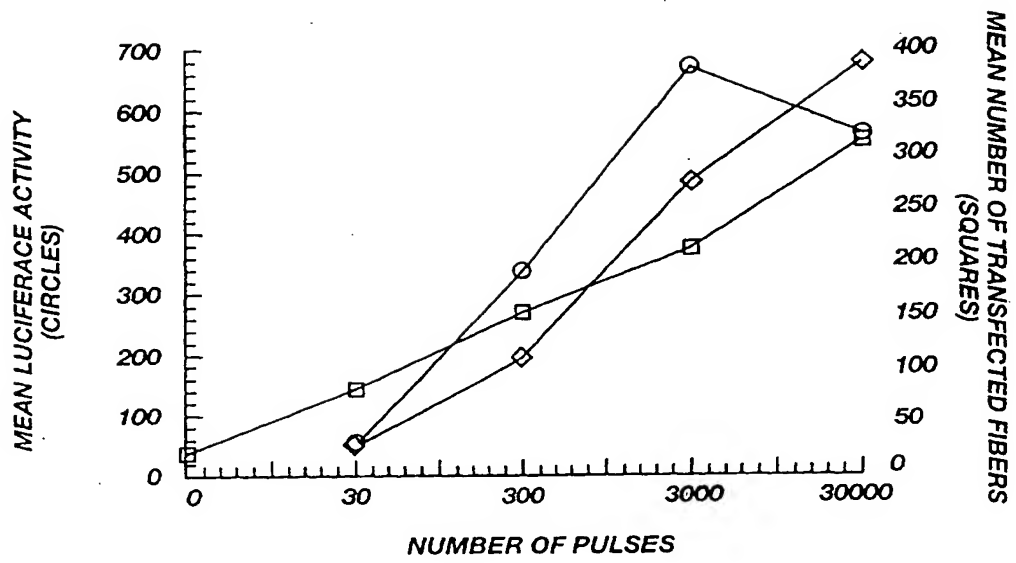


Fig. 12

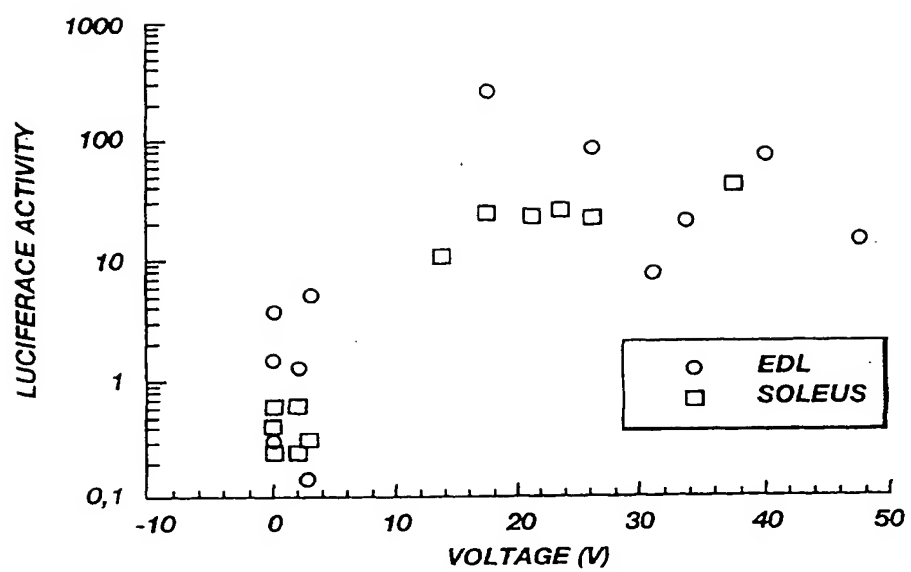


Fig. 13a

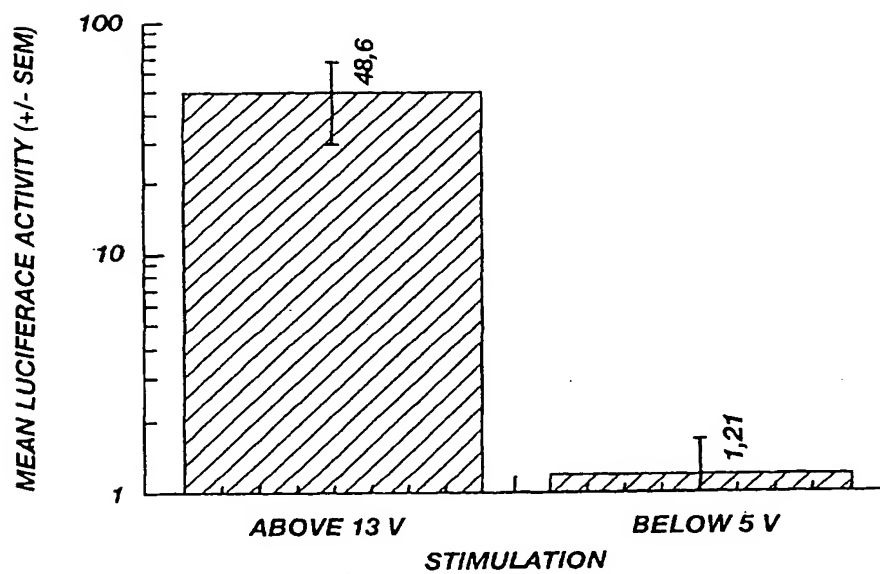


Fig. 13b

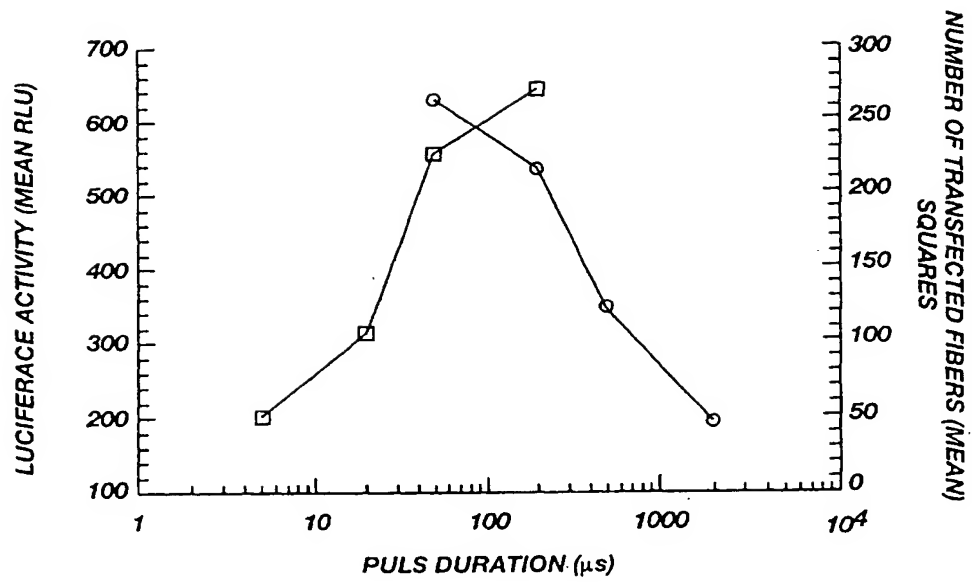
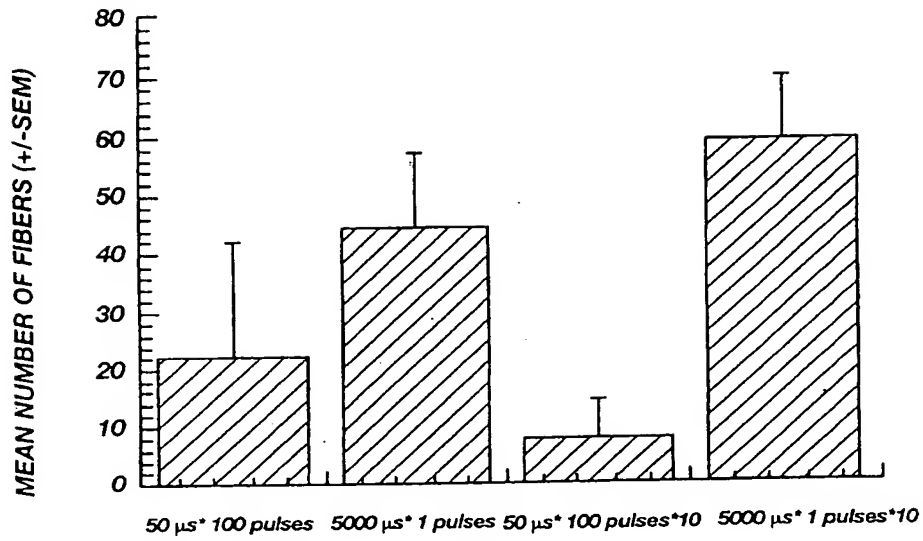
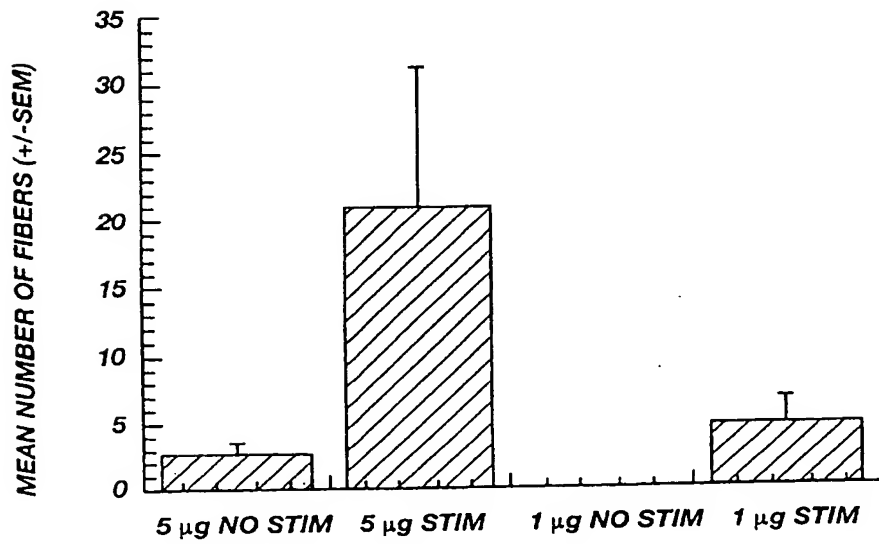


Fig. 14

*Fig. 15**Fig. 16*



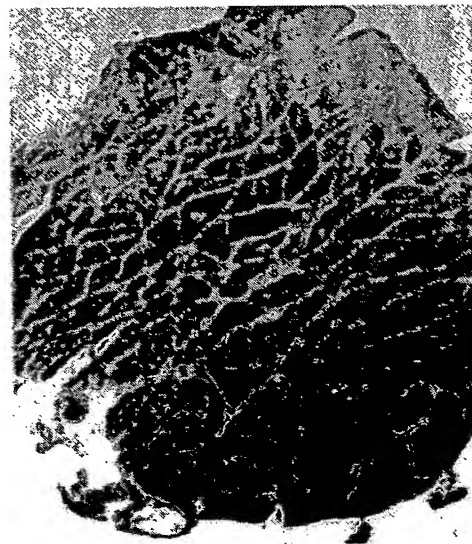
**Fig. 17A**



**Fig. 17B**

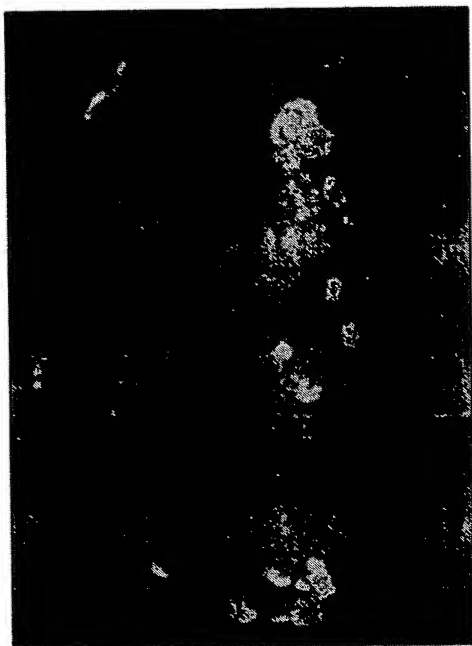


**Fig. 17C**

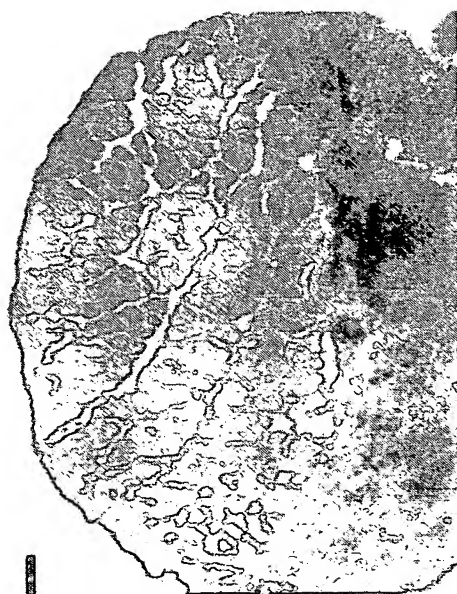


**Fig. 17D**

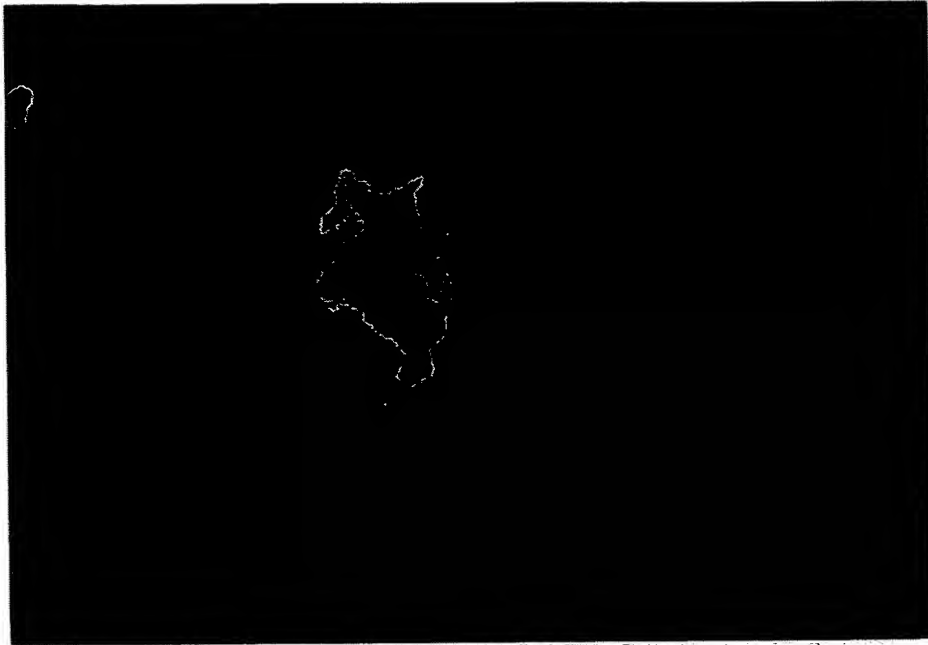




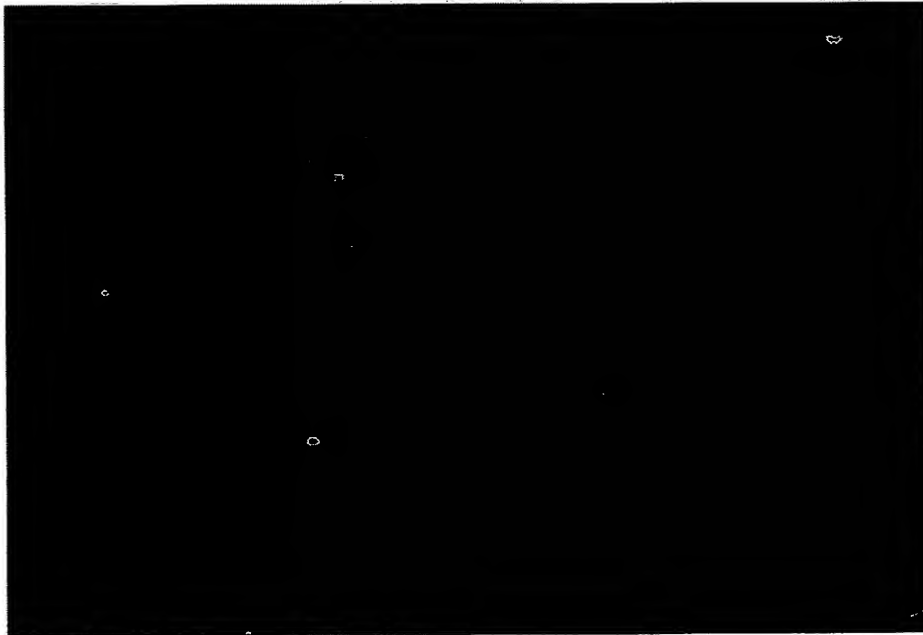
***Fig. 17E***



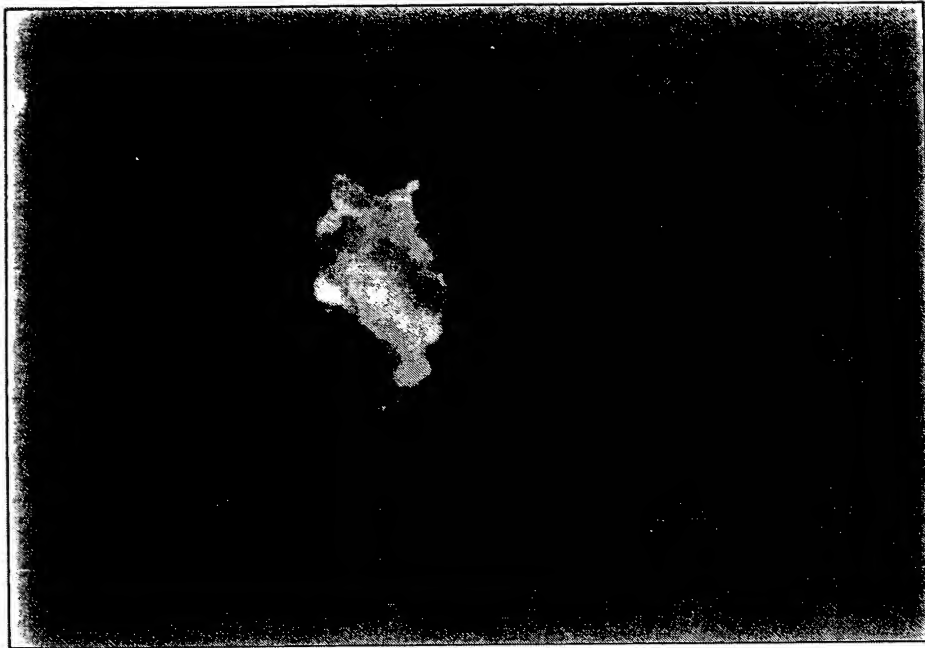
***Fig. 17F***



**Fig. 18A**



**Fig. 18B**



*Fig. 18C*



*Fig. 18D*

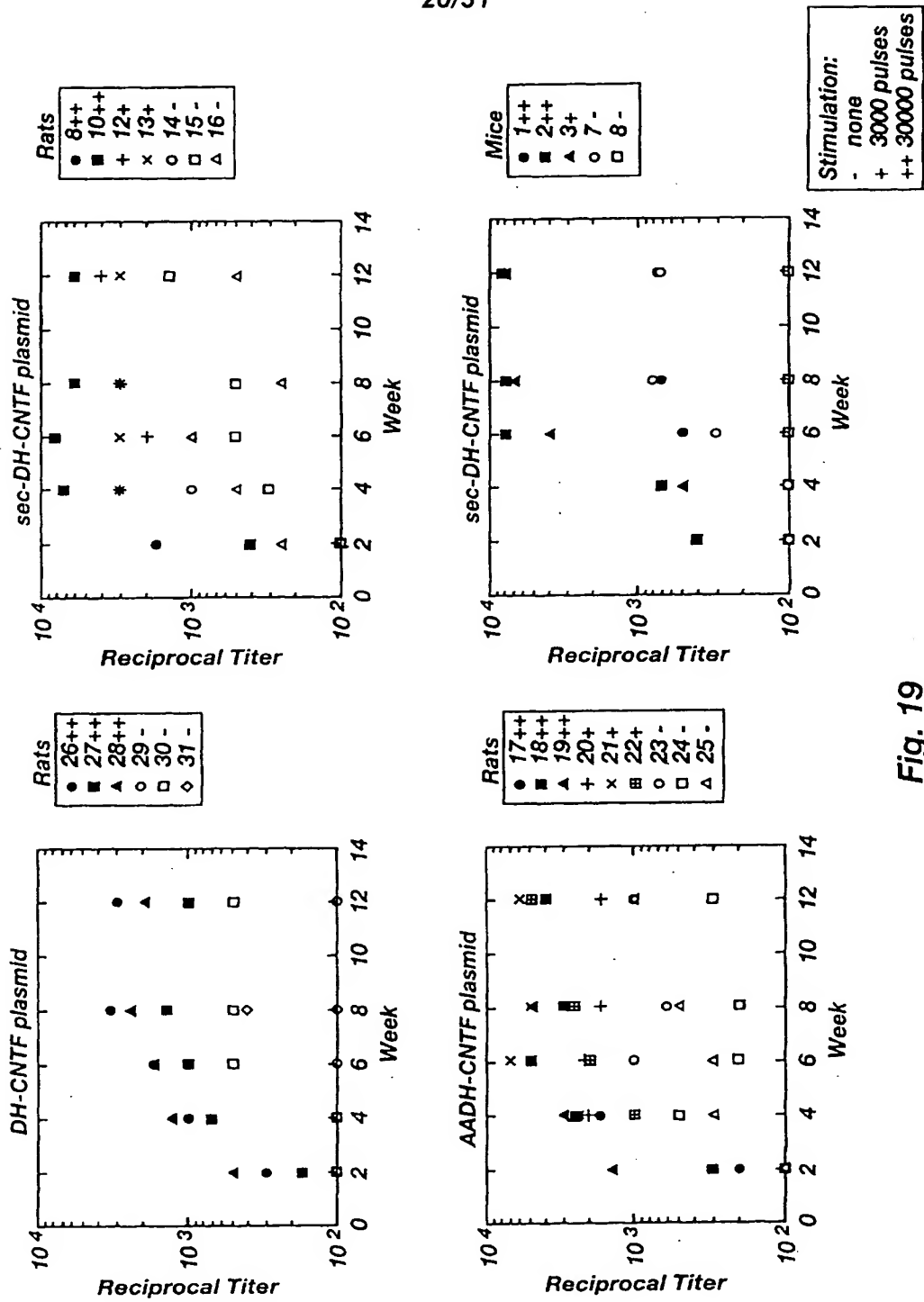
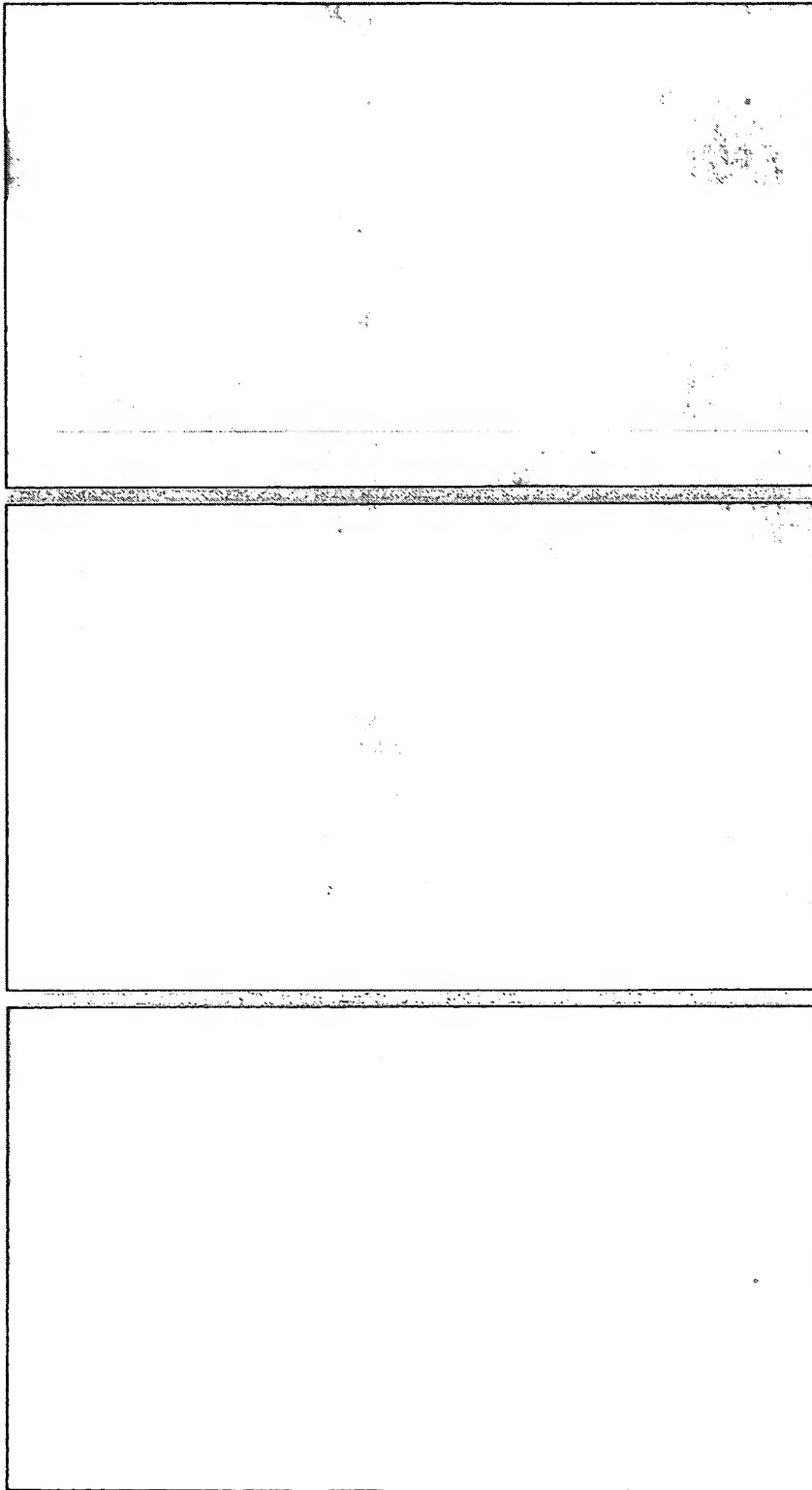


Fig. 19

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*Fig. 20*

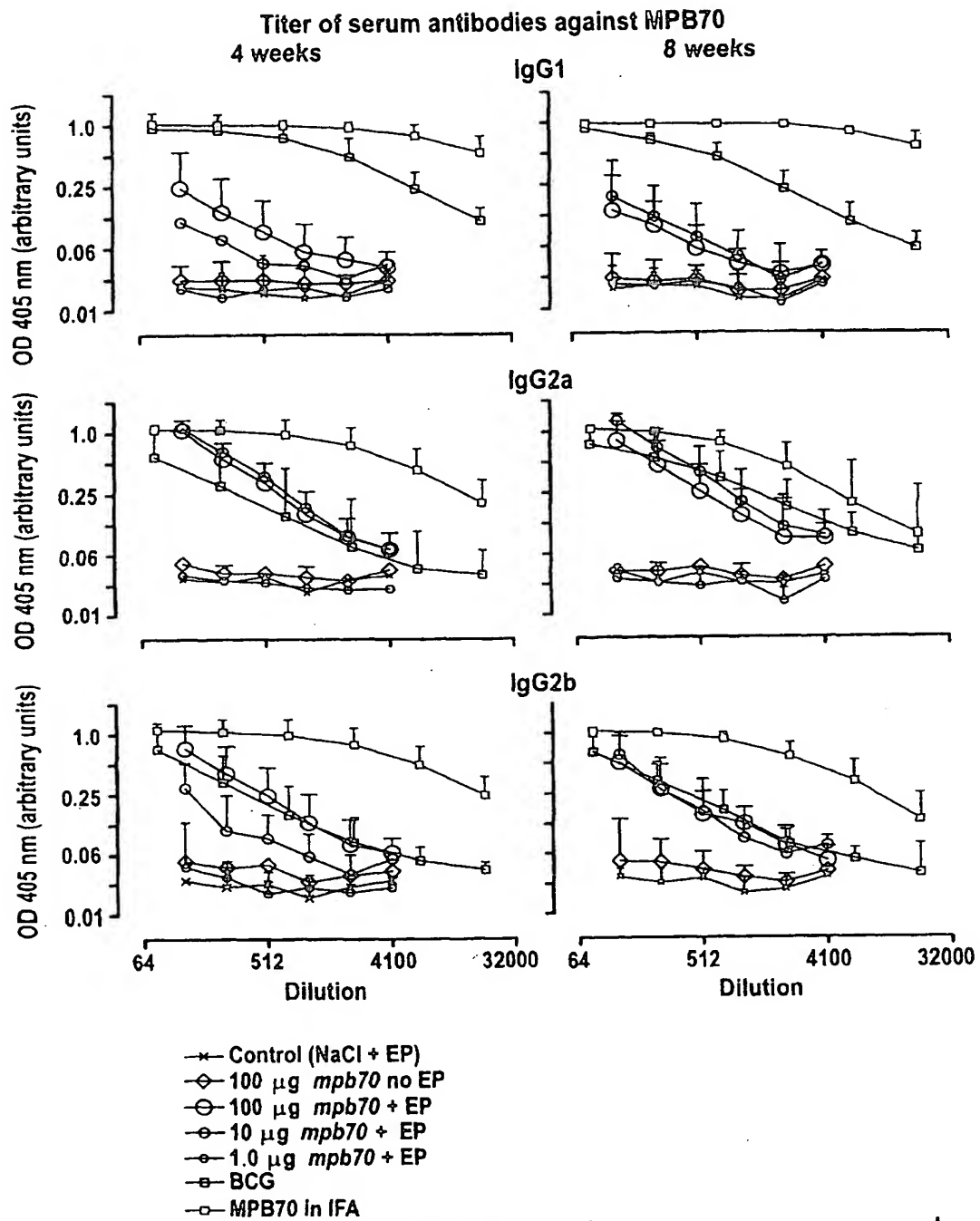


Fig. 21A

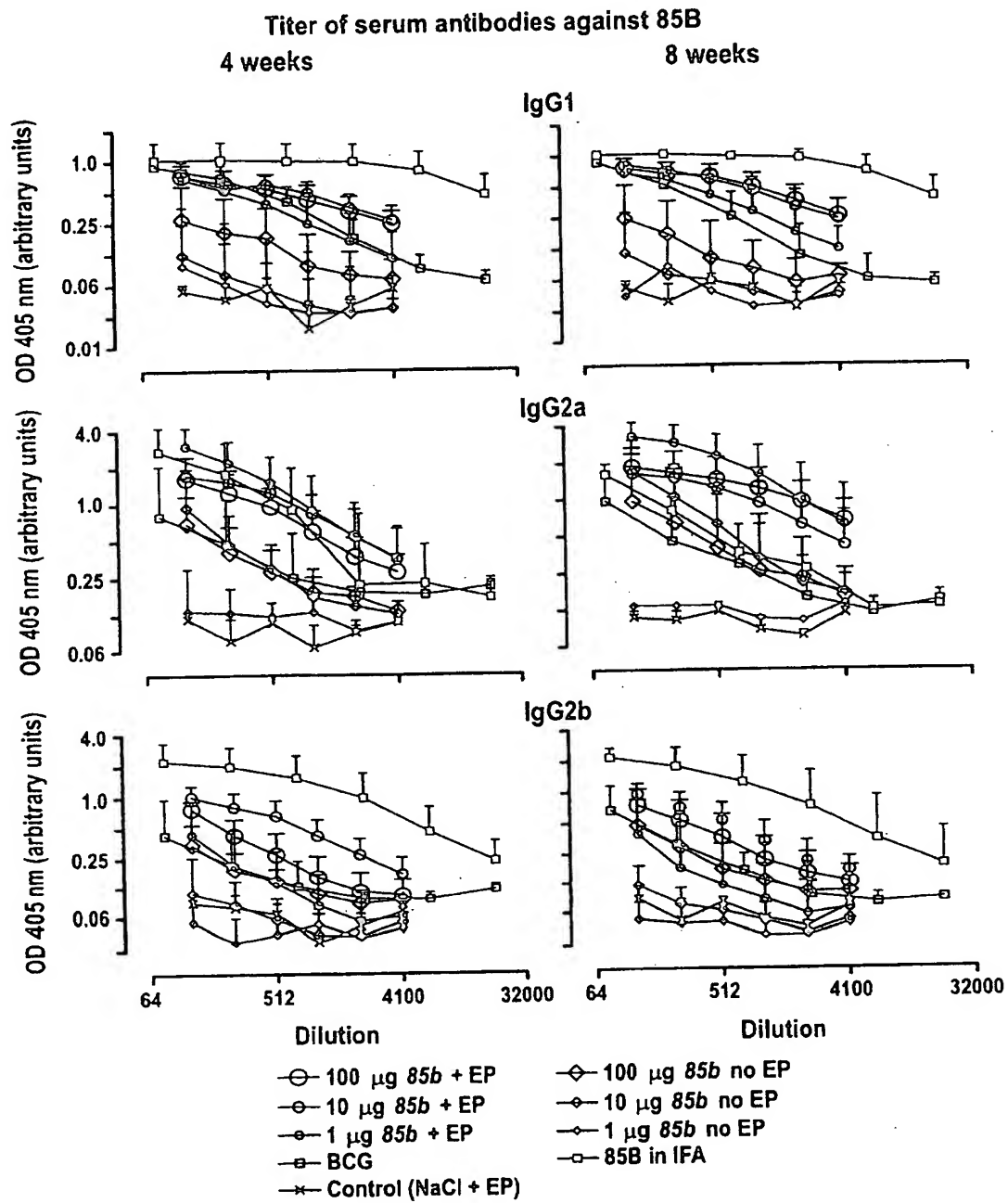
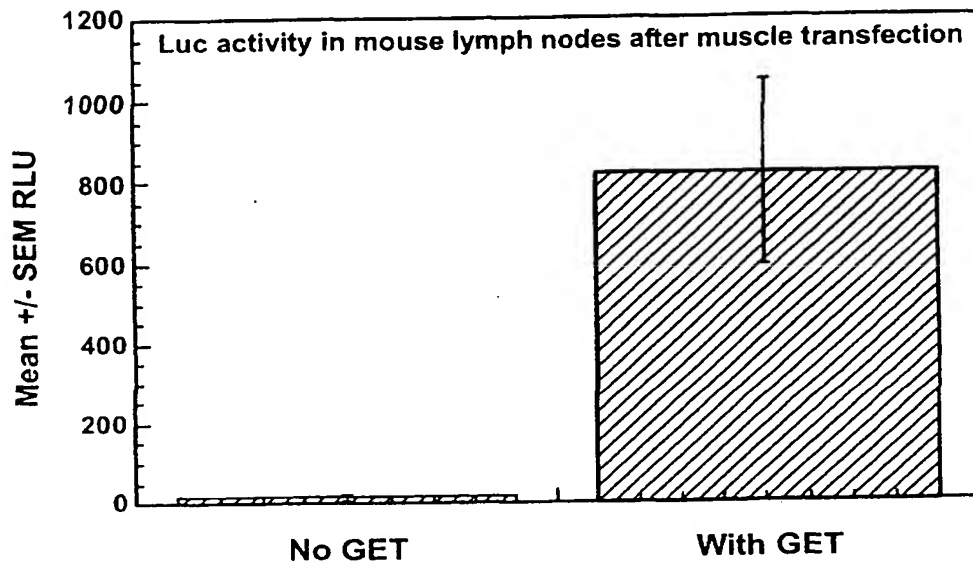
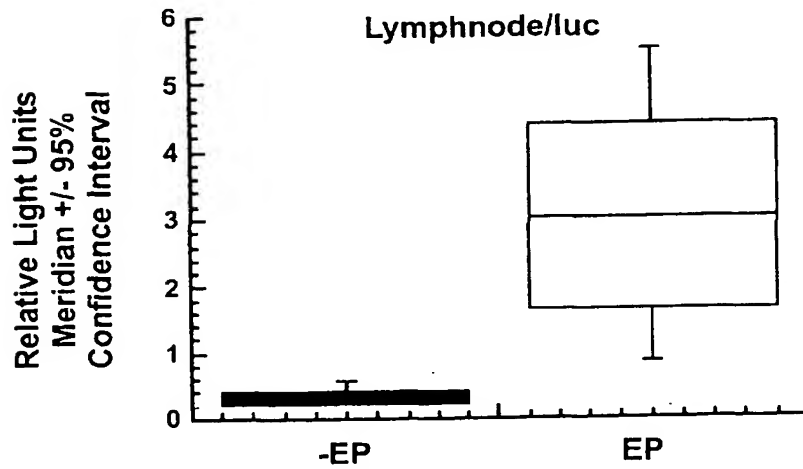


Fig. 21B

*Fig. 22**Fig. 23*



## Titer of serum IgG1 against MPB70

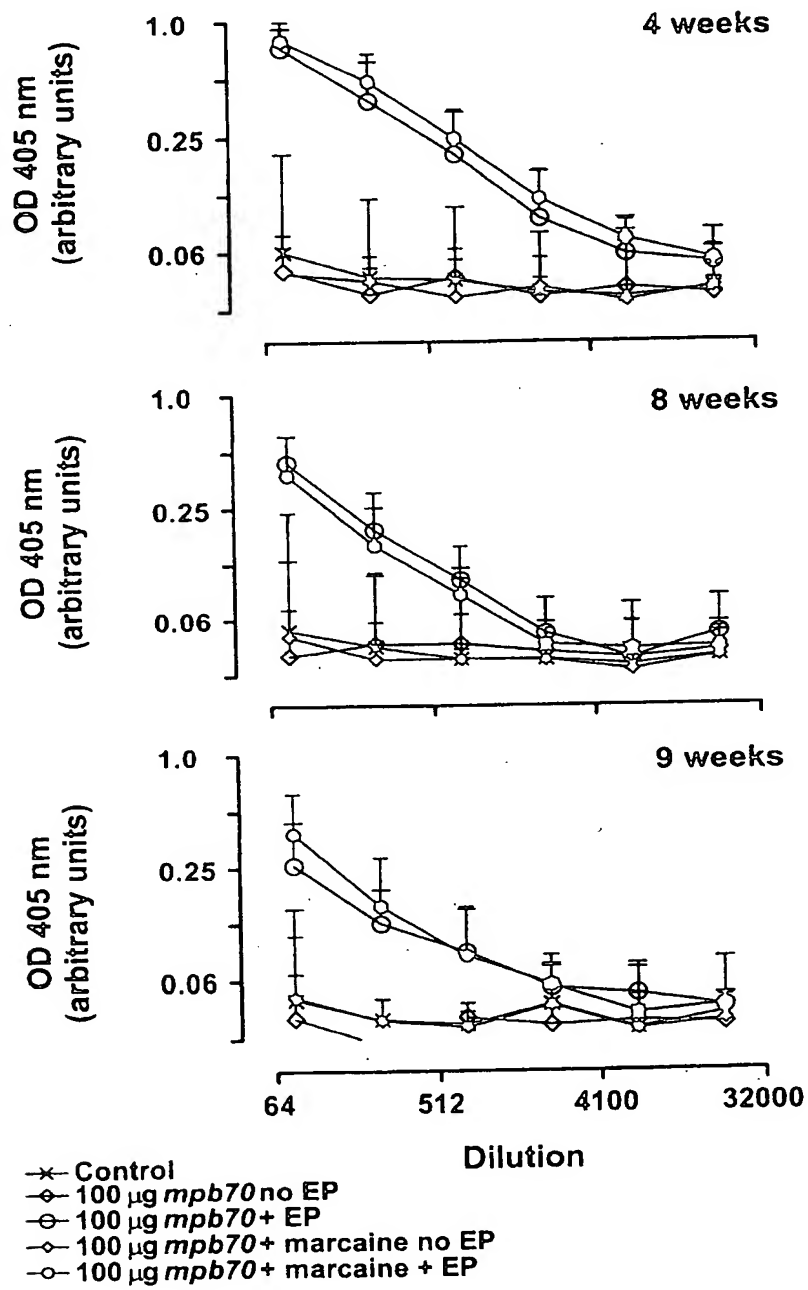


Fig. 24

Titer of serum antibodies against MPB70  
after 8 weeks

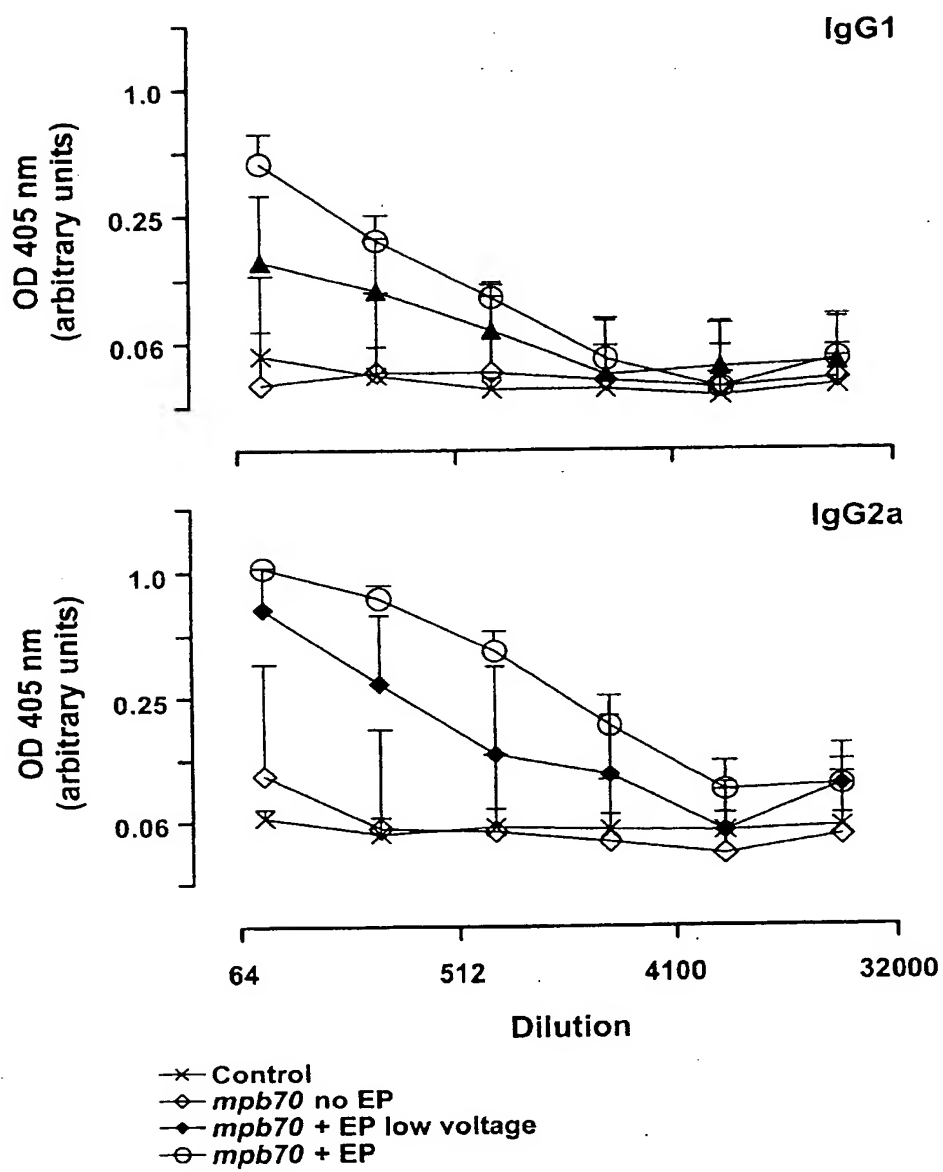


Fig. 25

## Titer of serum IgG2b against MPB70

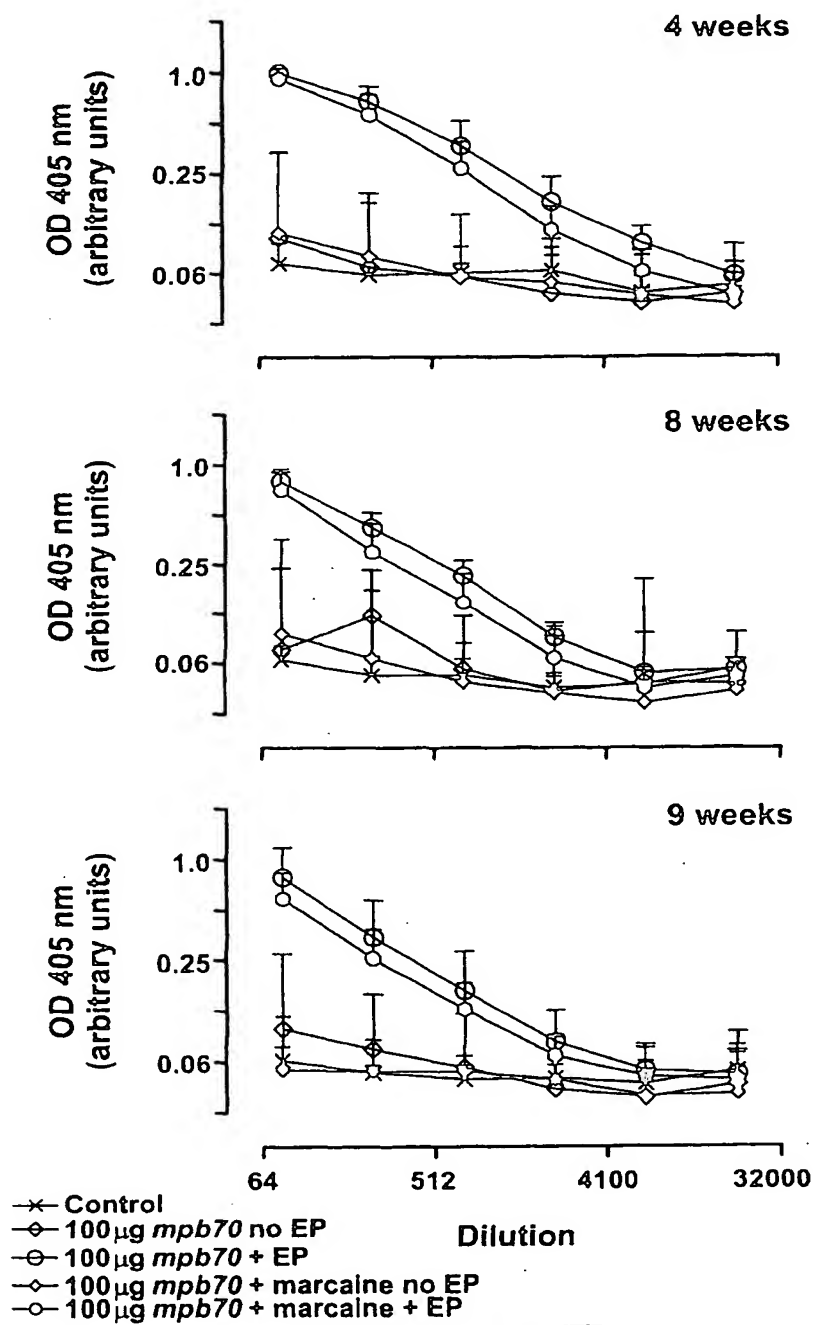
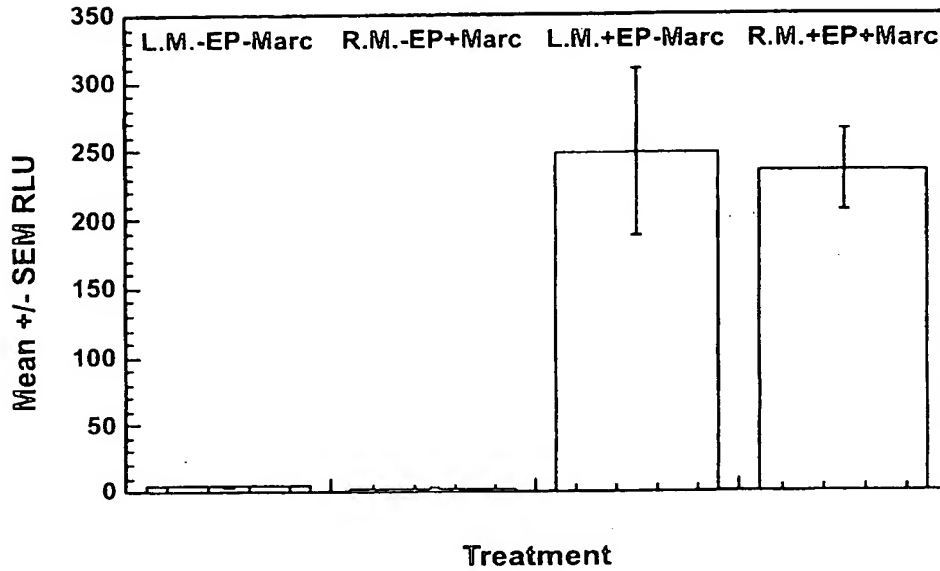
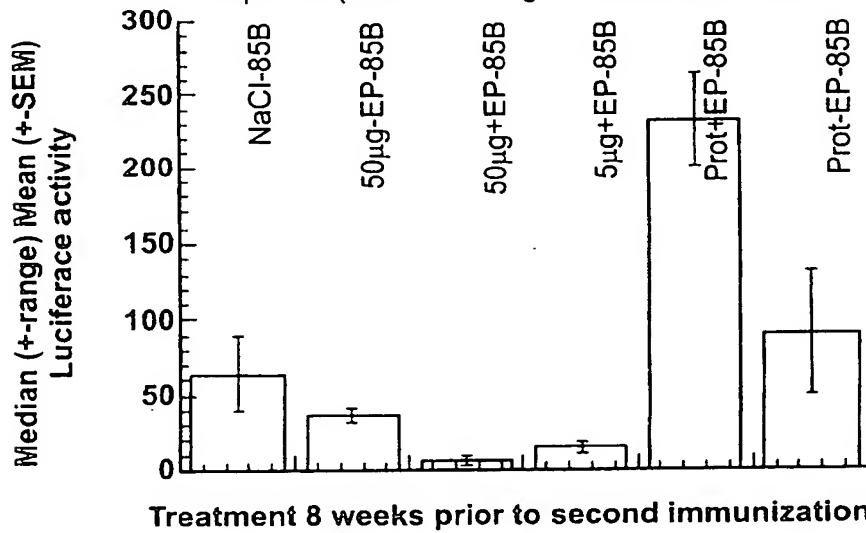


Fig. 26

*Fig. 27*

Luciferase activity after second immunization with 85B and luciferase cDNA. Low values indicate strong cellular immune response (efficient killing of transfected cells)

*Fig. 28*

Titer of serum antibodies 13 weeks post protein  
injection and 5 weeks post DNA injection

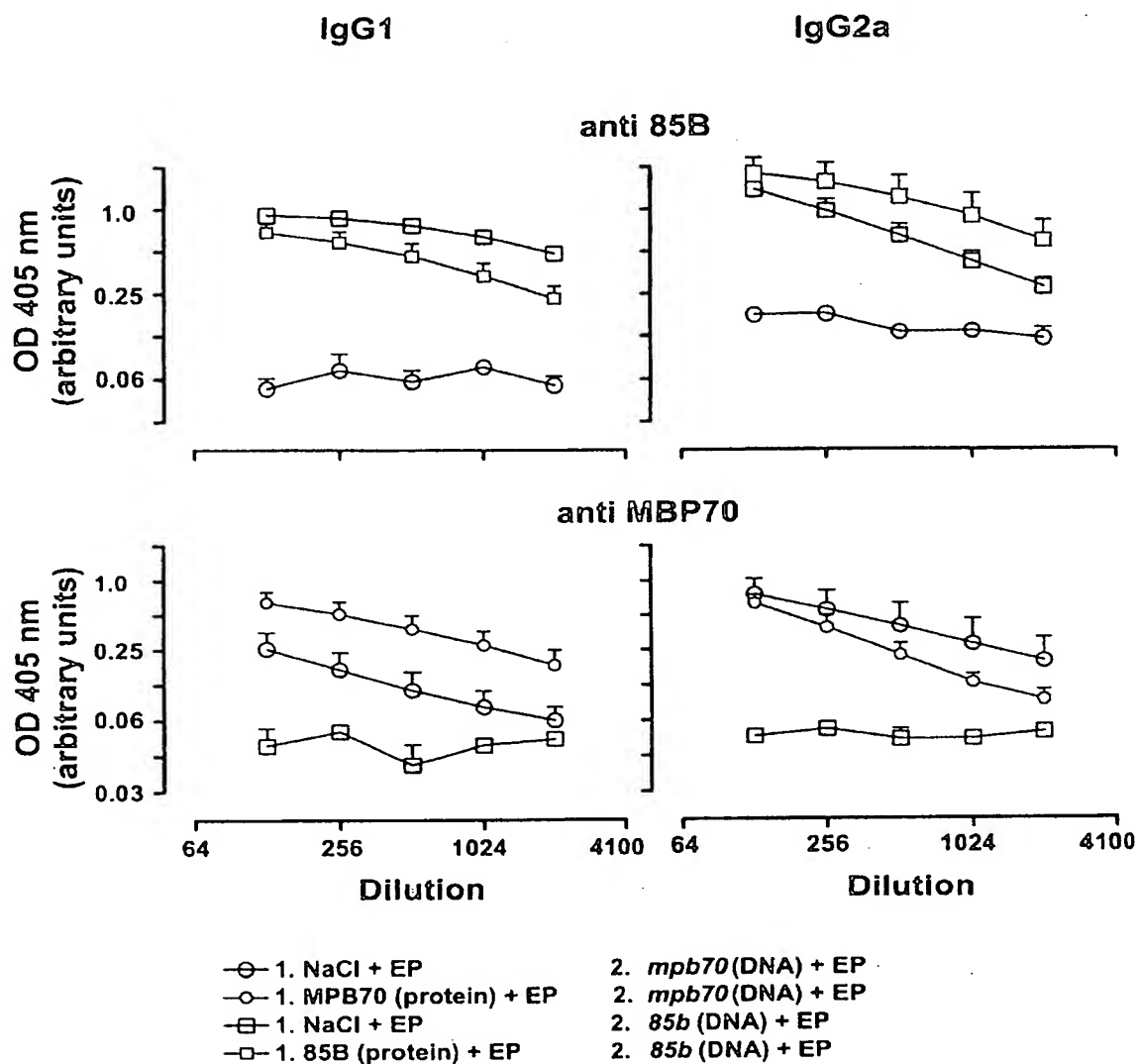


Fig. 29

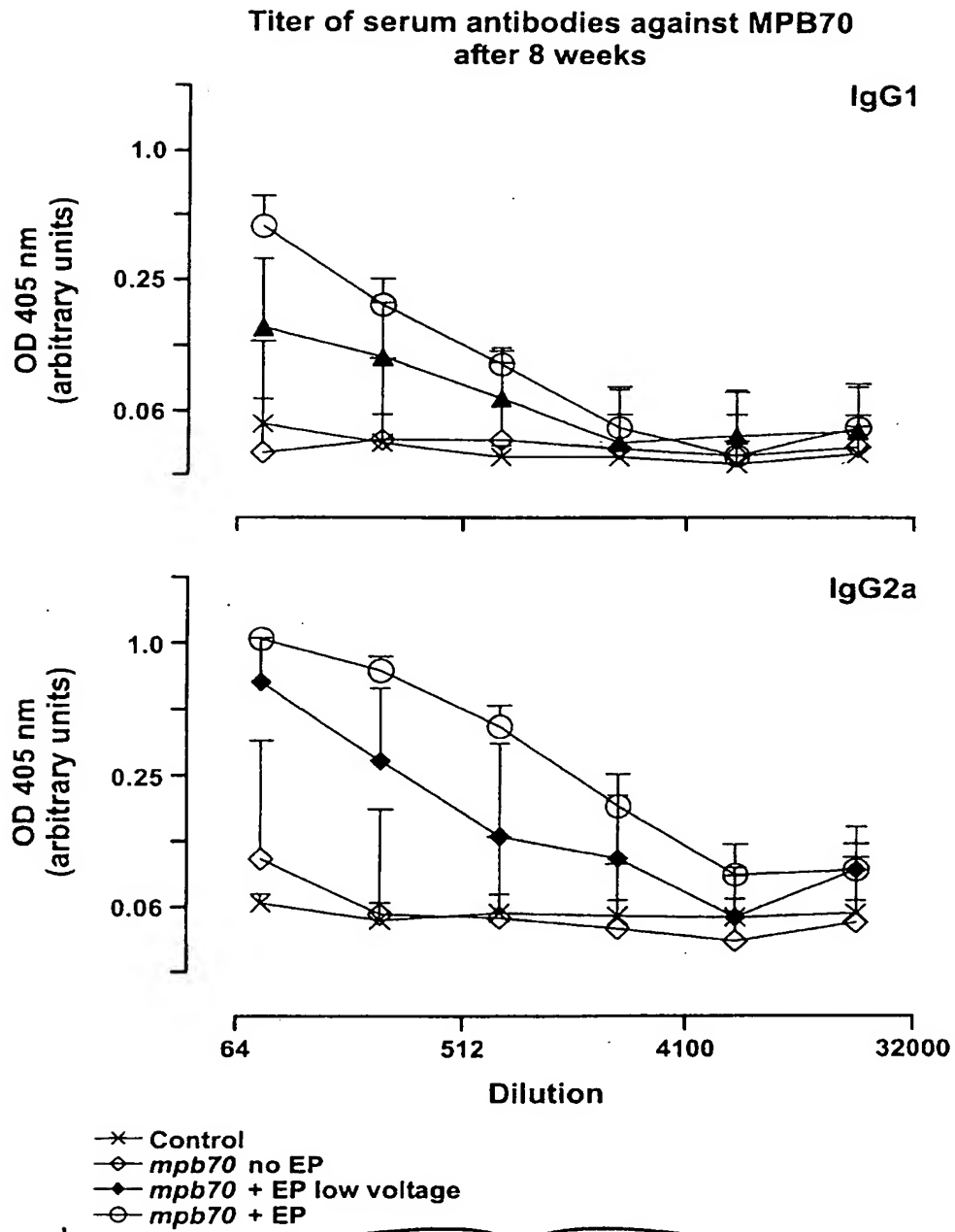


Fig. 30

